YAMAHA

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RX-V475

New

[RX-V]

MSRP: $449.95
Available March

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The RX-V475 5.1 channel network AV receiver provides convenient functions including MHL® (Mobile High-Definition Link), AirPlay® and music streaming services, all controllable through Yamaha's free AV Controller App. Front panel connection and charging for your iPod®/iPhone®/iPad® is provided, as well as wireless capability via optional Wi-Fi or Bluetooth® accessories.

The colors and finishes shown may vary from those on the actual products.

Overview Features Technology Audio & Video Specs App Optional Accessories Support Reviews

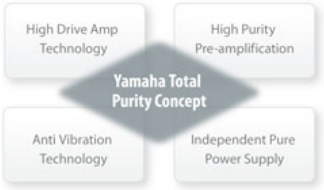
Features

Audio Features

- 5-channel powerful surround sound
  115 W per channel (8 ohms, 1 kHz, 0.9% THD, 1 ch driven)
  80 W per channel (8 ohms, 20 Hz-20 kHz, 0.09% THD, 2 ch driven)
- HD Audio format decoding: Dolby TrueHD and DTS-HD Master Audio; Dolby Digital Plus and DTS-HD High Resolution Audio
- Full discrete amp configuration
- Burr-Brown 192 kHz/24-bit DACs for all channels
- Direct Mode for high quality sound reproduction
- Low jitter PLL circuitry helps optimize sound imaging
- FLAC or WAV 192 kHz/24-bit audio playback

Total Purity Concept for the Finest Sound Quality

The Total Purity Concept, which Yamaha has been cultivating for many years, encompasses high drive amp technology, high purity pre-amplification, anti-vibration technology and independent pure power supplies. All models have a fully discrete power amplifier that helps to minimize distortion. They also adopt independent pure power supplies, allowing dedicated power supplies for the analog and digital circuitry to prevent digital noise from affecting analog circuitry. The anti-vibration heatsinks are designed to suppress vibration from transistors and sound pressure. Independent power supplies for the DACs are designed to further eliminate noise on certain models. Down to every detail, these AV receivers are designed with full emphasis on the highest possible sound quality.



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Extensive Audio Codec and Format Support

This AV receiver is compatible with many audio formats such as Dolby® TrueHD and DTS-HD Master Audio™. They are also compatible with FLAC/WAV 192 kHz playback. You will enjoy excellent Blu-ray Disc™ sound quality and other types of high resolution sources.

Multi-channel Format
DOLBY DIGITAL / DOLBY TRUEHD / DOLBY PRO LOGIC II / DOLBY PRO LOGIC IIx
dts Digital Surround / dts-HD High Resolution Audio / dts-HD Master Audio
dts-HD / dts Digital Surround | 96/24 / dts Neo:6

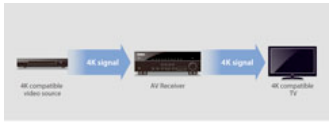
USB/Network Audio	
Format	Sampling Rate / Bitrate
FLAC	up to 192kHz/24bit
WAV	up to 192kHz/24bit
MP3	up to 48kHz/320kbps
MPEG-AAC	up to 48kHz/320kbps
WMA	up to 48kHz/320kbps

Discrete Amp Configuration for High Sound Quality

This AV receiver was designed with a strong focus on achieving exceptionally high sound clarity. It employs a discrete amp configuration and a low jitter PLL circuit, which contribute to its excellent audio performance.

4K Pass-through for Next Generation Super High Resolution Images

This AV receiver provides advanced HDMI features including 4K pass-through. 4K refers to four times the resolution of a 1080p display. While not yet available, 4K displays and sources are sure to become popular in the future. This receiver is capable of passing the 4K data from the source to the display for image clarity far beyond present standards.



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HDMI with 3D and Audio Return Channel

3D means the receiver can handle 3D signal data. The Audio Return Channel function enables data to be sent and received via the same HDMI cable so you can hear the sound from the TV via a single HDMI cable with no need for an extra optical cable.

SCENE for One-touch Start

Pressing a SCENE button powers on the AV receiver and selects the input source and DSP mode. You can reset the buttons for different sources by selecting a source and DSP mode, then pressing a SCENE button for more than three seconds.

HDMI CEC for Easy Operation

Another benefit of HDMI is the availability of CEC functionality. When the unit is connected to a CEC compatible TV, it will turn on and off together with the TV and you can use the TV remote to control the volume. CEC also provides advanced functionality with other components. For example, you can use the receiver's remote unit to control player functions like Skip and Stop.

*All connected devices must be HDMI CEC compatible. Some CEC compatible TVs/players may not work.

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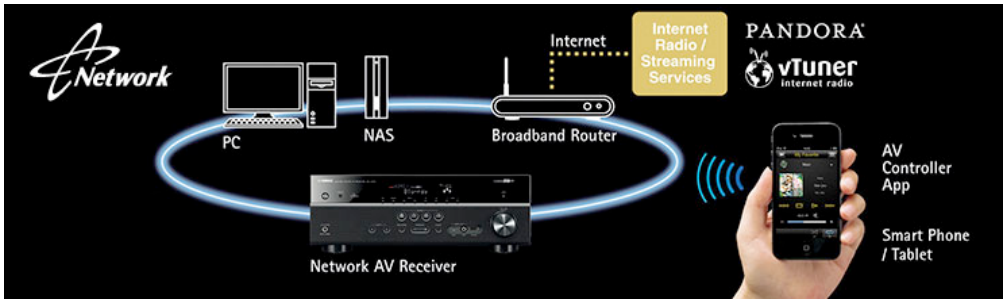
Network Functions

This AV receiver provides a variety of network functions that enable you to access more sources and also enhance operation. You can connect the receiver to a PC to enjoy Internet radio, Pandora® and operate your system via WebBrowser Control. The AV Controller App (from iTunes App Store or Google Play) lets you control various functions from your iPod, iPhone, iPad or Android devices.



AirPlay Allows Streaming Music to AV Receiver

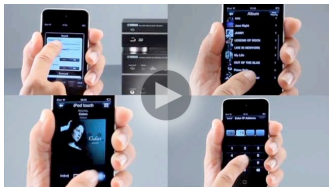
This AV receiver supports AirPlay, which means they can accept wireless music streaming from iPod® touch, iPhone® or iPad®, as well as from iTunes on Macs or PCs. This makes it easy to enjoy music from your mobile devices or computer on your home theater system. You can use view metadata such as song title, artist name as well as album art* via the AV receiver's on-screen display.

*Some models don't support album art display.

AV Controller App for Easy, Convenient Operation

This AV receiver lets you use the Yamaha AV Controller App that is downloadable from the iTunes App Store or Google Play to control power on/off and volume, select input and DSP modes and operate other functions from an iPhone® or Android devices. You can also use in as many as 23* different languages and customize the interface by hiding unused icons and renaming functions. A tablet version is also available.

*As of Spring 2013.



MHL® (Mobile High-Definition Link) Support for High Quality Video and Audio

MHL provides easy, direct connection of compatible mobile phones and this AV receiver. Playback of up to 1080p video and multi-channel audio from the phone is supported. The receiver also charges the connected phone. Play, Stop and other basic operations can be controlled from the remote control.

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USB Digital Connection for iPod, iPhone and iPad on the Front Panel

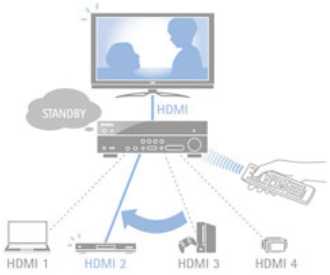
A USB port on the front panel allows convenient connection of an iPod/iPhone/iPad, which also charges when connected. Because the digital signal from the iPod/iPhone/iPad is transmitted directly to the AV receiver, there is no signal loss or interference, so you enjoy the best possible sound quality. In addition, you can use the receiver's remote control unit to operate the iPod/iPhone/iPad music playback functions.

YPAO™ Sound Optimization for Automatic Speaker Setup

YPAO analyzes the room acoustics and adjusts various audio parameters for optimum sound in just a few minutes. It's like having a professional installer calibrate your system.

Input Selection in HDMI Standby Through Mode

When the AV receiver is in HDMI Standby Through mode, the input source (Blu-ray Disc™ player, game console, etc.) for viewing on the monitor can be changed via the remote control. There's no need to turn on the AV receiver in order to switch sources.



HD Audio with CINEMA DSP 3D and Virtual Presence Speaker

CINEMA DSP 3D provides a wide, high and dense sound field. HD Audio format decoding lets you enjoy HD Audio sources. Virtual Presence Speaker delivers 3-dimensional sound without actual use of presence speakers.

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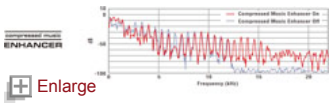
Compressed Music Enhancer

When music is encoded into a digitally compressed format like MP3, the frequency response suffers. Yamaha's Compressed Music Enhancer employs sophisticated digital signal processing using exclusive algorithms to restore what was lost, so the music always sounds the way it should.



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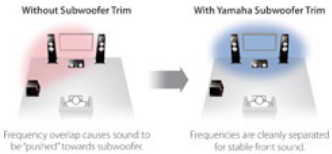
Adaptive DRC (Dynamic Range Control)

Adaptive DRC automatically adjusts the dynamic range of the sound according to the volume level. This ensures that you hear clear dialogue and vocals and all sound effects at comfortable levels. There is no need to adjust the volume level as you listen; everything from whispers to big explosions will be heard clearly and comfortably at the same volume setting. It also tones down loud TV commercials and is ideal for low-volume, late-night listening when you do not want to disturb others.

Subwoofer Trim for Improved Sound Imaging

The Subwoofer Trim Control enhances the low frequencies by avoiding overlap with the front speaker output. This will result in a cleaner, more focused sound stage while providing a seamless frequency response. When subwoofer frequency overlap occurs in conventional systems, the overall sound is “pushed” toward the subwoofer. Subwoofer Trim Control takes care of this by separating the low subwoofer frequencies cleanly, thus stabilizing the front stage while providing a well-balanced enhanced bass sound.


Without Subwoofer Trim
With Yamaha Subwoofer Trim
Frequency overlap causes sound to be “pushed” towards subwoofer.
Frequencies are cleanly separated for stable front sound.
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Eco-friendly Design ECO Mode Lowers Power Consumption by 20 Percent*

Yamaha’s new ECO mode reduces power consumption by about 20 percent. It can be set from the top of the GUI menu.

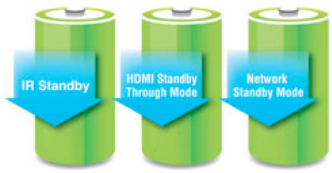
*Compared to power consumption when ECO mode is off (Yamaha measurement).

Selectable Auto Power Down

Auto Power Down lets you save energy by selecting to turn off the power after two, four, eight or 12 hours.

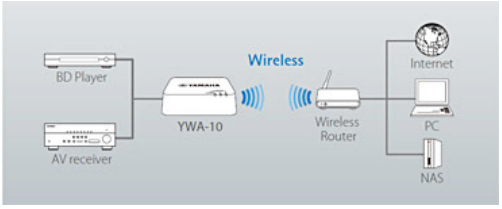
Low Standby Power Consumption

Yamaha makes its receivers eco-friendly with a low standby power consumption of 0.1 W in IR Standby mode (1 W in HDMI Standby Through mode, 2 W in Network Standby mode).



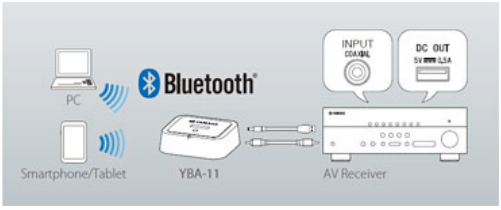
Connection for YWA-10 Wi-Fi Adapter

This AV receiver provides a DC-out connection for the YWA-10 Wi-Fi adapter (optional accessory). This lets you stream music wirelessly via a router from network components such as a PC or NAS.



Connection for YBA-11 Bluetooth® Wireless Adapter

This AV receiver provides a DC-out connection for the YBA-11 Bluetooth wireless adapter (optional accessory). You'll be able to stream music wirelessly from a Bluetooth-capable smartphone, tablet or PC without a Wi-Fi environment.



Other Notable Audio Features

- 5-channel powerful surround sound
  115 W per channel (8 ohms, 1 kHz, 0.9 % THD, 1 ch driven)
  80 W per channel (8 ohms, 20 Hz-20 kHz, 0.09 % THD, 2 ch driven)
- Burr-Brown 192 kHz/24-bit DACs for all channels
- Direct playback mode for high quality sound reproduction
- Low jitter PLL circuitry helps optimize sound imaging

Other Notable Video Features

Supports Deep Color (30/36 bit), x.v.Color, 24 Hz refresh rate and auto lip-sync compensation.

Other Notable Advanced Features

- Charging of iPod, iPhone and iPad via USB when AV receiver is off
- iPod/iPhone song titles displayed in English and Western European languages on the front panel
- Multi-language color OSD for improved visibility
- Audio input assign capability for HDMI and component video input
- Audio delay for adjusting lip-sync (0-250 ms)
- 40-station preset tuning / Auto preset tuning
- Preset remote unit
- Background video feature (for radio only)

Other Notable Surround Realism

SILENT CINEMA™ and Virtual CINEMA DSP.

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